**Rock Cycle Project: Due Thursday December 10th**

You may pick from the following projects to receive the grade that it is listed under. If you fail to turn in your project that is a test grade on the day that it is due then you will lose 50 % of your grade. That means 50 % of your grade is based on if you can turn it in on time. You may add 10 points to your grade every day that it is early. Each project will be presented to the class on the 10th.

**Projects:**

* Make a children’s book about rocks. Book should cover the 3 different type of rocks, how they are formed, how they are classified, examples of each type, and the rock cycle. Have both words (text) and pictures (drawn and colored or pictures). Try to put it into a story rather than a science text book format.
* Write a 3+ page report about one or two rocks/minerals. Research the rock/mineral at the library and/or on the web. Describe what type of rock it is, how it was formed, what its uses are, how/if it is mined, geographical locations it is found (U.S. or international), trade value/worth, and what it looks like. Make sure you document your information using the MLA style (search the help for help or I can give you examples). Charts, graphs, or maps can be included but not counted for the 3 pages of text. Single space and use font Times New Roman, size 12.
* Make a cross-section of a volcano or a cross-section of the Earth. Use different colored clay, pebbles, rocks, etc. (or anything else you can think of). Use toothpicks with little labels on it to put into the layers. Make a diagram on a paper (8 1/2" by 11"—regular paper-sized) or poster board to accompany your model. Label all the different layers.
* Design a power point presentation about the different types of rocks (Igneous, Metamorphic, Sedimentary), how each are formed, how each are classified, where each are most likely to be found, describe the rock cycle, pictures of examples of each type of rock (I, M, S), and maybe links to different websites about rocks. Turn in a disk with the presentation on it.

**B Projects:**

* Write a 2+ page report about a rock/mineral. Research the rock/mineral at the library and/or on the web. Describe what type of rock it is, how it was formed, what its uses are, how/if it is mined, geographical locations it is found (U.S. or international), trade value/worth, and what it looks like. Make sure you document your information using the MLA style (search the help for help or I can give you examples). Charts, graphs, or maps can be included but not counted for the 2 pages of text. Single space, use font Times New Roman, size 12.
* Make 2 posters. One poster should be of the rock cycle. Include all parts. The other should be a cross-section of the earth (from the crust to the core). Each should have a title, labels, captions describing each layer or section, color, and be extremely NEAT!
* Make a pamphlet. Pamphlet should include: directions around the rock cycle, descriptions of each type of rock (Metamorphic, Sedimentary, and Igneous), how each is formed, how each is classified, examples of each type of rock, directions/map to find a specific type of rock. You can hand draw map. Tri-fold the pamphlet (2 folds, 3 sections). Text or pictures should be on each section.

**C Projects:**

* Make a poster. Either makes a poster of the rock cycle or a cross-section of the earth (from the crust to the core). Each poster should have a title, labels, captions describing each layer or section, color, and be extremely NEAT!
* Write a 1+ page report about a rock/mineral. Research the rock/mineral at the library and/or on the web. Describe what type of rock it is, how it was formed, what its uses are, how/if it is mined, geographical locations it is found (U.S. or international), trade value/worth, and what it looks like. Make sure you document your information using the MLA style (search the help for help or I can give you examples). Charts, graphs, or maps can be included but not counted for the 1+ page of text. Single space, use font Times New Roman, size 12.

**D Projects:**

* Draw a diagram of the rock cycle. Use a blank piece of 8 1/2" by 11" paper (piece of computer paper). Diagram should include title, color, labels, captions, and be extremely NEAT!
* Make a chart of the 3 types of rocks. Under each type of rock, list 10-20 names of different rocks. Be neat.

**F Projects:**

* Any project not completed to satisfaction.
* Turning in a project after break (50%) or not doing the project at all (0%).